MITSUBISHI ELECTRIC

Mr.SLIM®
Split-ductless A/C and Heat Pumps

SUBMITTAL DATA: MSZ-D30NA & MUZ-D30NA

30,000 BTU/H WALL-MOUNTED HEAT-PUMP SYSTEM

Job Name: Location: Date:

Purchaser: Engineer:

Submitted to: For ☐ Reference ☐ Approval ☐ Construction

Unit Designation: Schedule No.:

GENERAL FEATURES

- Catechin and anti-allergy enzyme filters for high air-purification capabilites
- Updated sleek, compact indoor unit design
- Remote-controlled wide airflow enables ideal horizontal air distribution
- Self-check function—onboard diagnostics
- Advanced microprocessor control
- Auto restart following a power outage
- Wireless remote controller
- Limited warranty: five years on parts and defects and seven years on compressors

OPTIONAL ACCESSORIES

Outdoor Unit

- Drain Socket Assembly (MAC-811DS)

Indoor Unit

- Three-pole Disconnect Switch (TAZ-MS303)
- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; Requires MAC-3971)
- Centralized On/Off Remote Controller (MAC-821SC; Up to eight units, requires one MAC-397IF per indoor unit)
- Condensate Pump (230V; SI3100-230)
- Anti-allergy Enzyme Filter (Two pieces per set; MAC-1415FT)

Cooling*
Rated Capacity . . . . . 30,700 Btu/h
Minimum Capacity . . . . . 9,800 Btu/h
SEER . . . . . 14.5 Btu/h/W
Total Input . . . . . 3,850 W

Heating at 47° F*
Rated Capacity . . . . . 32,600 Btu/h
Minimum Capacity . . . . . 8,700 Btu/h
HSPF . . . . . 8.2 Btu/h/W
Total Input . . . . . 3,360 W

Heating at 17° F*
Rated Capacity . . . . . 19,500 Btu/h
Rated Total Input . . . . . 2,400 W
Maximum Capacity . . . . . 20,800 Btu/h
Maximum Total Input . . . . . 2,620 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
(Heating at 47° F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(Heating at 17° F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 17°F (-8°C) DB, 15°F (-9°C) WB.

Power Supply . . . . . 208 / 230V, 1-Phase, 60 Hz
Breaker Size . . . . . 25 A

Voltage
Indoor - Outdoor S1-S2 . . . . . AC 208 / 230V
Indoor - Outdoor S2-S3 . . . . . DC 12-24V
Indoor - Remote Controller . . . . . Wireless

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90°F (32°C) DB, 73°F (23°C) WB	115°F (46°C) DB
	Minimum	67°F (19°C) DB, 57°F (14°C) WB	14°F (-10°C) DB
Heating	Maximum	80°F (27°C) DB, 67°F (19°C) WB	75°F (24°C) DB, 65°F (18°C) WB
	Minimum	70°F (27°C) DB, 60°F (16°C) WB	14°F (-10°C) DB, 13°F (-11°C) WB

Indoor Unit: MSZ-D30NA

Wireless Remote Controller

Outdoor Unit: MUZ-D30NA

Indoor Unit
MCA . . . . . 1 A
Fan Motor . . . . . 0.76 F.L.A.
Airflow
Cooling (Lo - Med - Hi) . . . . . 389 - 639 - 848 Dry CFM
350 - 576 - 763 Wet CFM
Heating (Lo - Med - Hi) . . . . . 445 - 639 - 848 Dry CFM

Sound Pressure Level
Cooling (Lo - Med - Hi) . . . . . 32 - 42 - 49 dB(A)
Heating (Lo - Med - Hi) . . . . . 34 - 42 - 49 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	46-1/16 / 1,170
D	11-5/8 / 295
H	14-3/8 / 365

Weight . . . . . 40 lbs. / 18 kg
External Finish . . . . . Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. . . . . 5/8" / 15.88 mm
Remote Controller . . . . . Wireless
(Optional Wired Remote Controller PAR-21MAA see Data Submittal Sheet)

Outdoor Unit
Compressor . . . . . DC Inverter-driven Rotary
MCA . . . . . 21 A
Fan Motor . . . . . 0.93 F.L.A.
Sound Pressure Level
Cooling . . . . . 55 dB(A)
Heating . . . . . 57 dB(A)

DIMENSIONS	INCHES / MM
W	33-1/16 / 840
D	13 / 330
H	33-7/16 / 849

Weight . . . . . 141 lbs. / 64 kg
External Finish . . . . . Munsell No. 3Y 7.8 / 1.1

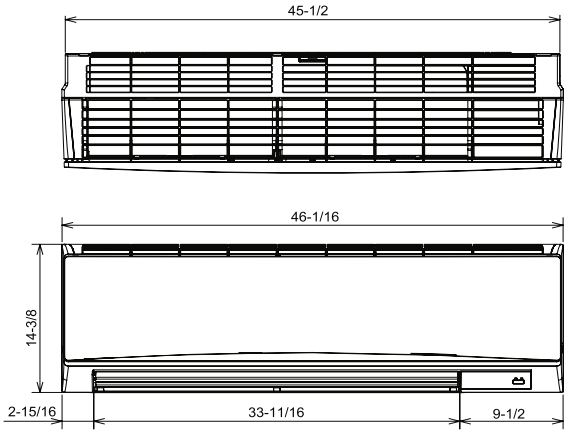
Refrigerant Type R410A
Refrigerant Pipe Size O.D.
Gas Side . . . . . 5/8" / 15.88 mm
Liquid Side . . . . . 3/8" / 9.53 mm
Max. Refrigerant Pipe Length . . . . . 100' / 30 m
Max. Refrigerant Pipe Height Difference . . . . . 50' / 15 m
Connection Method . . . . . Flared

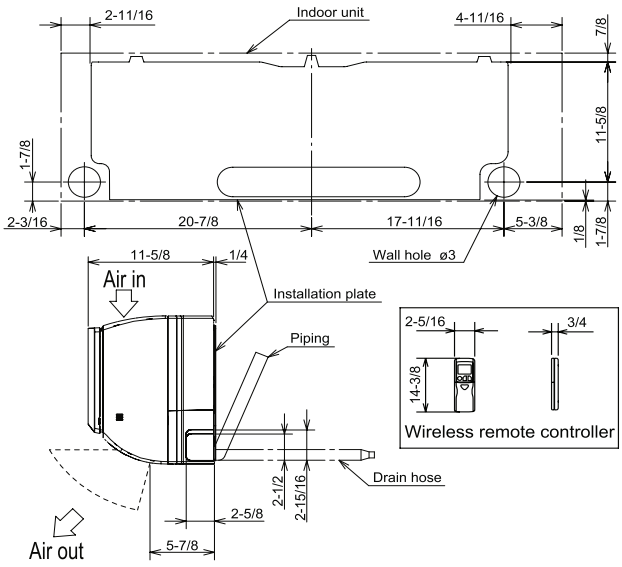
R410A INVERTER

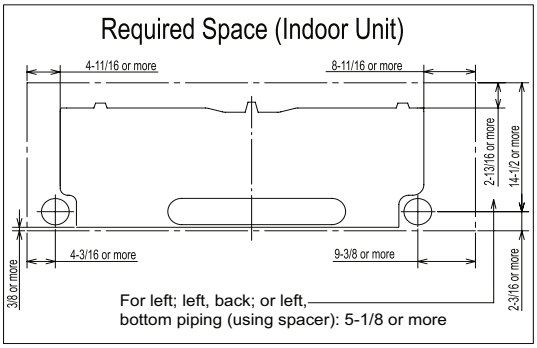
DIMENSIONS: MSZ-D30NA & MUZ-D30NA

MSZ-D30NA

Unit : inch



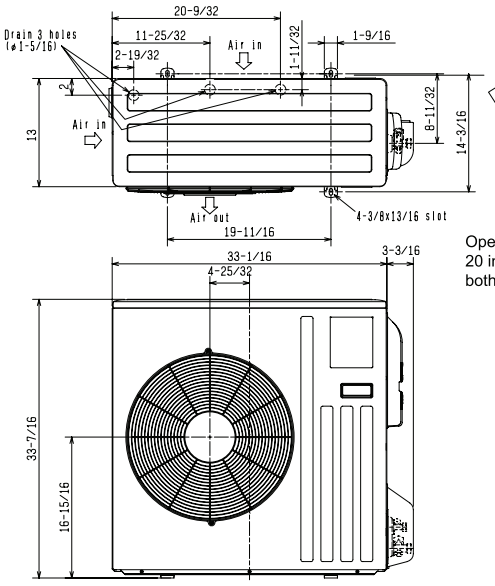


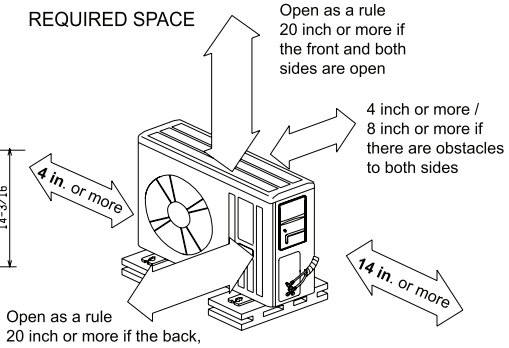

Required Space (Indoor Unit)
4-11/16 or more
8-11/16 or more
2-13/16 or more
14-1/2 or more
4-3/16 or more
9-3/8 or more
3/8 or more
2-3/16 or more
For left; left, back; or left, bottom piping (using spacer): 5-1/8 or more

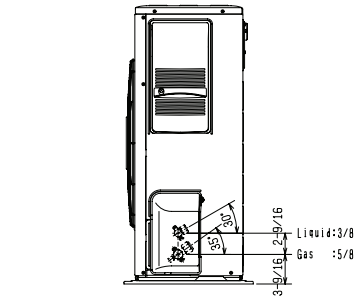
	Piping	Insulation
Liquid line	ø3/8 19-11/16 (Flared connection ø3/8)	ø1-1/4 O.D. ø9/16 I.D.
Gas line	ø5/8 16-7/8 (Joint connection ø5/8)	ø1-15/16 O.D. ø1-1/4 I.D.
Joint	ø5/8 (Flared connection ø5/8)	ø1-15/16 O.D. ø1-1/4 I.D.
Drain hose	Insulation ø1-1/8 Connected part ø9/16 O.D.	

MUZ-D30NA

Unit: inch







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Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

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ENERGY STAR PARTNER

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Specifications are subject to change without notice.

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